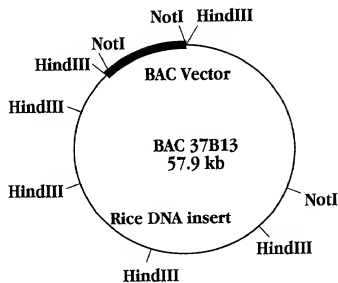
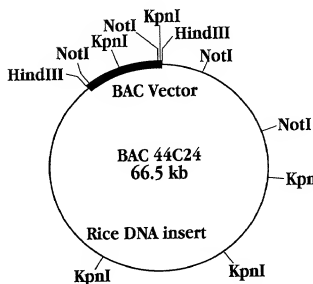


**Fig. 1C**



**Fig. 3A**



**Fig. 3B**

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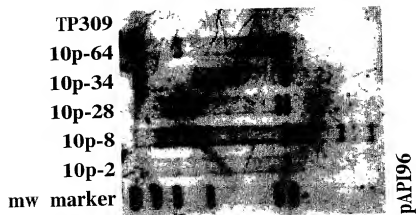


Fig. 2C

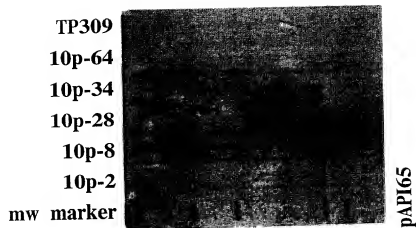


Fig. 2B

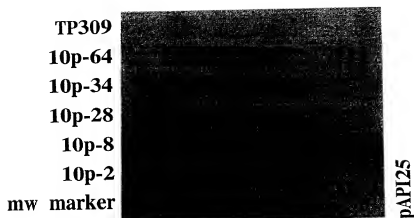


Fig. 2A

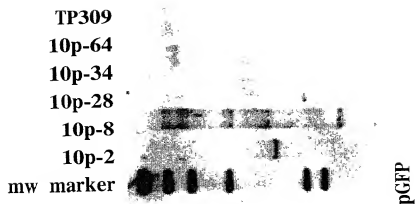


Fig. 2F

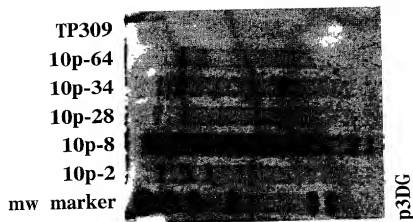


Fig. 2E

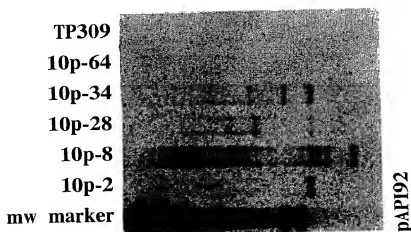


Fig. 2D

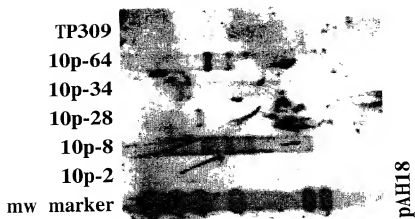


Fig. 2I

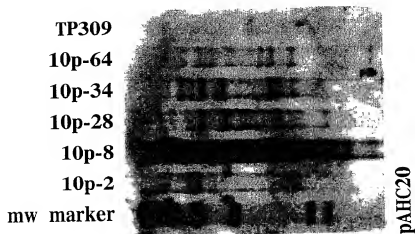


Fig. 2H

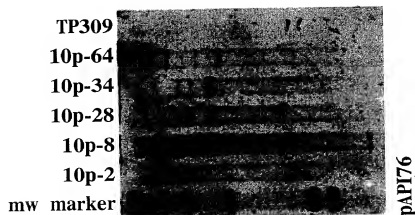


Fig. 2G

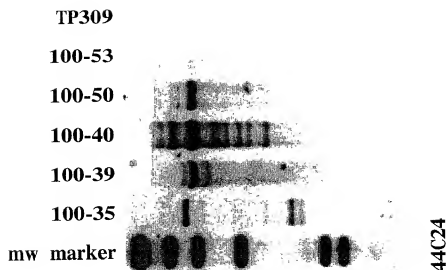


Fig. 4B

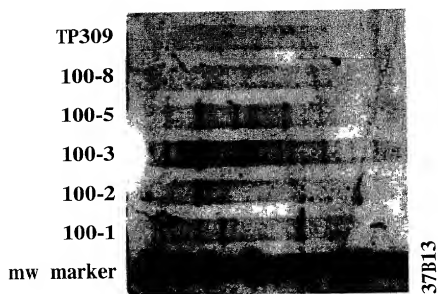


Fig. 4A

10 20 30 40 50 60 70  
 CACCTAAATTGTAAGCGTTAATATTTTGTAAAAATTCGCGTTAAATTTTGTAAATCAGCTCATTTTTT  
 GTGGATTAAACATTTCGCAATTATAAAACAATTTAAGCGCAATTTAAAAACAATTTAGTCGAGTAAAAAA  
  
 80 90 100 110 120 130 140  
 AACCAATAGGCCGAAATCGGCAAAATCCCTTATAAATCAAAAGAATAGACCGAGATAGGGTTGAGTGTTG  
 TTGGTTATCCGGCTTTAGCCGTTTTAGGGAATATTAGTTTTCTTATCTGCGCTCTATCCCAACTCACAA  
  
 150 160 170 180 190 200 210  
 TTCCAGTTTGGAAACAAGAGTCCACTATTAAAGAACGTGGACTCCAACGTCAAAGGCGGAAAAACCGTCTA  
 AAGGTCAAACCTTGTCTCAGGTGATAATTTCTTGCACTGAGGTTGCAGTTTCCCGCTTTTGGCAGAT  
  
 220 230 240 250 260 270 280  
 TCAGGGCGATGGCCACTACGTGAACCATCACCTAATCAAGTTTTTGGGGTCGAGGTGCCGTAAAGCA  
 AGTCCCGCTACCGGGTGATGCACTTGGTAGTGGGATTAGTTCAAAAAACCCAGCTCCACGGCATTTCGT  
  
 290 300 310 320 330 340 350  
 CTAATCGGAACCTTAAAGGGAGCCCCGATTAGAGCTTGACGGGGAAAGCCGCGAACGTGGCGAGAA  
 GATTTAGCCTTGGGATTCCCTCGGGGCTAAATCTGCAACTGCCCTTTGCGCGCTTGACACGCTCTT  
  
 360 370 380 390 400 410 420  
 AGGAAGGGAAAGAAAGCGAAAGGAGCGGGCGCTAGGGCGCTGGCAAGTGTAGCGGTACGCTGCGCGTAAC  
 TCCCTCCCTTCTTCGCTTTCCTCGCCGCGATCCCGCGACCGTTACATCGCCAGTGGCAGCGCATTG  
  
 430 440 450 460 470 480 490  
 CACCACACCCCGCGCTTAATGCGCGCTACAGGGCGCGTCCCATTCGCCATTTCAGGCTGCGCAACTGT  
 GTGGTGTGGGCGGCGCAATTACGCGCGATGTCCCGCGCAGGGTAAGCGGTAAGTCCGACGCGTTGACA  
  
 500 510 520 530 540 550 560  
 TGGGAAGGGCGATCGGTGCGGGCCTCTTCGCTATTACGCCAGCTGGCGAAAGGGGATGTGCTGCAAGGC  
 ACCCTTCCCGCTAGCCACGCCCGGAGAAGCGATAATGCGGTGACCGCTTTTCCCTTACACGACGTTCCG  
  
 570 580 590 600 610 620 630  
 GATTAAGTTGGGTAAACGCCAGGGTTTTCCAGTCACGACGTTGTAAAAACGACGGCCAGTGAATTTGTAATA  
 CTAATTCAACCATTTGGGGTCCCAAAAGGGTCAGTGCTGCAACATTTTGTCTGCCGTCACTTAACATTAT  
  
 >\_Gns9\_Promoter  
 |  
 640 650 660 670 680 690 700  
 CGACTCACTATAGGGCGAATTGGAGCTCAACTTTAGTCCATATATTTAGACACTAATTTAGAGTATTTAA  
 GCTGAGTGATATCCCGTTAAACCTCGAGTTGAAATCAGGTATATAAACTGTGATTAATCTCATAAATTT  
  
 710 720 730 740 750 760 770  
 TATAAATTACTTACAAAATAATTCAATAATGAAAGCTAATTTGCGAGACAAATTTTATGTGTTAATT  
 ATATTTAATGAATGTTTGATTAGTTATTTACTTTTCGATTAAACGCTCTGTTTAAAAAATACAAATTAA

FIG. 5A

780 790 800 810 820 830 840  
 AATCCATAAATTAGAGAAATGTTTACTGTAGCATCAGATAGACTAATCATGGATTAAATTAGGCTCAATAGAT  
 TTAGGTATTAACTCTTACAAATGACATCGTAGTGATCTGATTAGTACCTAATTAAATCCGAGTTATCTA  
  
 850 860 870 880 890 900 910  
 TCGTCTCGTGAATTAGTCCAAGATTATGGATGGGATTTTATTAATAGTCTACGTTTAAATATTTATAATTAG  
 AGCAGAGCACTTAATCAGGTTCTAATACCTACCTAAAAATAATTATCAGATGCAAAATTAAAAATTAAATC  
  
 920 930 940 950 960 970 980  
 TGTTCAAAACATCCGATGTGATAGGGAAGTAAAAAGTTTGTAGTCCCATCAAACAGGGCCACAGTCTATGTG  
 ACAAGTTTGTAGGCTACACTATCCCTGAATTTTTCAAATCAGGGTAGAATTTGTCCCGGTGTGAGATACAC  
  
 990 1000 1010 1020 1030 1040 1050  
 GAGCATGTTTCAACGAACCCGATAAATTGCAAAAGCCAGAATGATTTTGGTCCCACTGCCAGAAAT  
 CTCGTACAAGTGGCTTGTGGCTATTATAACGTTTCGGGTCTTACTAAAACAGGGTGTACGGTCTTTGA  
  
 1060 1070 1080 1090 1100 1110 1120  
 ACCACACCCCATTTTCGGTTCATTTTTCAGTCTCAGGAAAAATCGTCCAACAAATTTTCAGTCTCAGGAAATTTAA  
 TGGTGTGGGTGTAAAGCCAAGTAAAGTCGAGTCTCTTTAGCAGGTTGTTAAAGTCGAGTCTTTAAATTT  
  
 1130 1140 1150 1160 1170 1180 1190  
 TCGTCCGAGAAAGGAACAAGTTTGGAGCCGTGGGGATGAGAGCAATTAGGTACGCGTTAACTTACAAGTAC  
 AGCAGGCTCTTTCCTTGTTCAAACCTCGGCACCCCTACTCTCGTTAATCCAGTGCGAATTGATGTTTCATG  
  
 1200 1210 1220 1230 1240 1250 1260  
 AGTCTCATTCATCGACATTGATTAGCCAGCAACTAACCACTTAACCCCGAGCCAGCCCAAGCGCTCCGTA  
 TCGAGTAAGTAGCTGTAACTAATCCGGTCTGTGATTGGTGAATTTGGGGCTCGTTCGGGTTTCGCGAGGCAT  
  
 1270 1280 1290 1300 1310 1320 1330  
 CGTTTCGTTGGGCCCCCGCCGCGCAGGCGGAGACAACGGTTCATCCGCGCGCCGCGTCTCTCCCTCGCTC  
 GCAAGCAACCCGGGGGGCGCGCTCCGCCTCTGTTGCCAGTAGGCCGCGCGCCAGCCAGGAGGGAGCGAG  
  
 1340 1350 1360 1370 1380 1390 1400  
 GCACGCGCGCACCACTTTCGCGCAGCAACCCGACGCGAGCGCGACGTGTCATCTCCCAACATCCCGGCC  
 CTGTCGCGCGTGGTGGGTGAAGCGGTGCTTGGGCTCGCTCGCGCTGCACGTAGAGGGTTGTAGGGGCGG  
  
 1410 1420 1430 1440 1450 1460 1470  
 ATTTCTCTCCCCACCAAAACCAACCCCGCCGCGTGGGGCTGGGCCACTTTACAGCGCCTCACCTCCCCCA  
 TAAAGGAGGGGTGGTGTTTTGGTGGGCGGGCGCACGCCGACCCGGGTGAAATGTGCGCGAGTGGAGGGGGT  
  
 1480 1490 1500 1510 1520 1530 1540  
 ACCATAAATCCCCGCGCTTTTCCCGCCCTCTCCACCACTCACCAGCTCTCCACTACACGACTCGTGCCT  
 TGGTATTTAGGGGGCGGAAAAGGGGGGGAGAGTGGTGGTGGTGGAGAGGTGATGTGCTGAGCAGCGG  
  
 1550 1560 1570 1580 1590 1600 1610  
 GTCTTGCTCTGCTGCTCTCGCGCCCGCGCAGCAGTGAAGCAGCAAGAGCAGTCTAGGGGGGATCTACC  
 CAGAACAGACGACGAGAGAGCGCGGGCGCGTCTGCTACTCGTCTGCTCTGTCAGATCCCCCTAGATGG

FIG. 5B



1620										1630				1640				1650				1660							
ATG	AGC	CCA	GAA	CGA	CGC	CCG	GCC	GAC	ATC	CGC	CGT	GCC	ACC	GAG	CGC	GAC	ATG	CGC	CGT	GCC	ACC	GAG	CGC	GAC	ATG				
TAC	TCG	CTT	GCT	GCT	GGC	GGC	CTG	CTG	TAG	CGC	GGA	CGG	CGG	CTC	CTC	CTC	CTC	CGC	GGA	CGG	CTC	CTC	CTC	CTC					
M	S	P	E	R	R	P	A	D	I	R	R	A	T	E	A	D	M	R	R	A	T	E	A	D					
_a_a_a_a_a_a_a_a_a_a										BAR GENE				_a_a_a_a_a_a_a_a_a_a															
1670										1680				1690				1700				1710							
CCG	CGC	GTC	TGC	ACC	ATC	GTC	AAC	CAC	TAC	ATC	GAG	ACA	AGC	ACG	GTC	AAC	TTC	CCG	CGC	GTC	TGC	ACC	ATC	GTC					
GGC	CGC	CAG	ACG	TGG	TAG	CAG	TTG	GTG	ATG	TAG	CTC	TGT	TCG	TGC	CAG	TTG	AAG	GGC	CGC	CAG	ACG	TGG	TAG	GTG					
P	A	V	C	T	I	V	N	H	Y	I	E	T	S	T	V	N	F	P	A	V	C	T	I	V					
_a_a_a_a_a_a_a_a_a_a										BAR GENE				_a_a_a_a_a_a_a_a_a_a															
1720										1730				1740				1750				1760							
CGT	ACC	GAG	CCG	CAG	GAA	CCG	CAG	GAG	TGG	ACG	GAC	GAC	CTC	GTC	CGT	CTG	CGG	CGT	ACC	GAG	CCG	CAG	GAA	CCG					
GCA	TGG	CTC	GGC	GTC	CTT	GGC	GTC	CTC	ACC	TGC	CTG	CTG	CTC	GTC	CAG	GCA	GAC	GCA	TGG	CTC	GGC	GTC	CTT						
R	T	E	P	Q	E	P	Q	E	W	T	D	D	L	V	R	L	R	R	T	E	P	Q	E	P					
_a_a_a_a_a_a_a_a_a_a										BAR GENE				_a_a_a_a_a_a_a_a_a_a															
1780										1790				1800				1810				1820							
GAG	CGC	TAT	CCC	TGG	CTC	GTC	GCC	GAG	GTG	GAC	GGC	GAG	GTC	GCC	GGC	ATC	GCC	GAG	CGC	TAT	CCC	TGG	CTC						
CTC	CGC	ATA	GGG	ACC	GAG	CAG	CGG	CTC	CAC	CTG	CCG	CTC	CAG	CGG	CCG	TAG	CGG	GAG	CGC	ATA	GGG	ACC	GAG						
E	R	Y	P	W	L	V	A	E	V	D	G	E	V	A	G	I	A	E	R	Y	P	W	L						
_a_a_a_a_a_a_a_a_a_a										BAR GENE				_a_a_a_a_a_a_a_a_a_a															
1830										1840				1850				1860				1870				1880			
TAC	CGC	GGC	CCC	TGG	AAG	GCA	CGC	AAC	GCC	TAC	GAC	TGG	ACG	GCC	GAG	TCG	ACC	TAC	CGC	GGC	CCC	TGG	AAG						
ATG	CGC	GGG	ACC	TTC	CGT	GCG	TTG	CGG	ATG	CTG	GAC	TGC	ACG	GCC	CTC	ATG	TGG	TAC	CGC	GGG	ACC	TTC	CGT						
Y	A	G	P	W	K	A	R	N	A	Y	D	W	T	A	E	S	T	Y	A	G	P	W	K						
_a_a_a_a_a_a_a_a_a_a										BAR GENE				_a_a_a_a_a_a_a_a_a_a															
1890										1900				1910				1920				1930							
GTG	TAC	GTC	TCC	CCC	CGC	CAC	CAG	CGG	ACG	GGA	CTG	GGC	TCC	ACG	CTC	TAC	ACC	GTG	TAC	GTC	TCC	CCC	CGC						
CAC	ATG	CAG	AGG	GGG	GCG	GTG	GTC	GCC	TGC	CCT	GAC	CCG	AGG	TGC	GAG	ATG	TGG	CAC	ATG	CAG	AGG	GGG	GCG						
V	Y	V	S	P	R	H	Q	R	T	G	L	G	S	T	L	Y	T	V	Y	V	S	P	R						
_a_a_a_a_a_a_a_a_a_a										BAR GENE				_a_a_a_a_a_a_a_a_a_a															
1940										1950				1960				1970				1980							
CAC	CTG	CTG	AAG	TCC	CTG	GAG	GCA	CAG	GGC	TTC	AAG	AGC	GTG	GTC	GCT	GTC	ATC	CAC	CTG	CTG	AAG	TCC	CTG						
GTG	GAC	GAC	TTT	AGG	GAC	CTC	CGT	CTG	CCG	AAG	TTC	TCG	CAC	CAG	CGA	CAG	TAG	GTG	GAC	GAC	TTT	AGG	GAC						
H	L	L	K	S	L	E	A																						

FIG. 5C



2670 2680 2690 2700 2710 2720 2730  
 TAACTCACATTAAATTGCGTTGCGCTCACTGCCCGCTTTCCAGTCGGGAAACCTGTCGTGCCAGCTGCATT  
 ATTGAGTGTAAATTAACGCAACGCGAGTGACGGGCGAAAGGTCAGCCCTTTGGACAGCACGGTCGACGTAA

2740 2750 2760 2770 2780 2790 2800  
 AATGAATCGGCCAACGCGCGGGGAGAGGCGGTTTGGCGTATTGGGCGCTCTTCCGCTTCTCTCGCTCACTGA  
 TTAATTAGCCGGTTTGCGCGCCCTCTCTCGCCAAACGCATAACCCGCGAGAAGGCGAAGGAGCGAGTGACT

2810 2820 2830 2840 2850 2860 2870  
 CTCGCTGCGCTCGGTCGTTCCGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAATACGGTTATCC  
 GAGCGACGCGAGCCAGCAAGCCGACGCCGTGCGCATAGTCGAGTGAGTTTCCGCCATTATGCCAATAGG

2880 2890 2900 2910 2920 2930 2940  
 ACAGAATCAGGGGATAACGCAGGAAAGAACATGTGAGCAAAAGGCCAGCAAAGGCCAGGAACCGTAAAA  
 TGTCTTAGTCCCCCTATTGCGTCTCTTCTTGTACACTCGTTTTCCGGTCGTTTTCCGGTCCTTGSCATTTT

2950 2960 2970 2980 2990 3000 3010  
 AGGCCGCGTTGCTGGCGTTTTCATAGGCTCCGCCCCCTGACGAGCATCACAAAATCGACGCTCAAG  
 TCCGGCGCAACGACCGCAAAGGATATCCGAGGCGGGGGACTGCTCGTAGTGTTTTAGCTGCGAGTTT

3020 3030 3040 3050 3060 3070 3080  
 TCAGAGGTGGCAAAACCCGACAGGACTATAAAGATACCAGGCGTTTCCCCCTGGAAGCTCCCTCGTGCGC  
 AGTCTCCACCGCTTTGGGCTGTCTGATATTCTATGGTCCGCAAAGGGGACCTTCGAGGGAGCACGCG

3090 3100 3110 3120 3130 3140 3150  
 TCTCCTGTTCCGACCTGCGCTTACCGGATACCTGTCCGCTTTCTCCCTTCGGGAAGCGTGCGCTT  
 AGAGGACAAGGCTGGGACGCGCAATGGCCTATGGACAGGCGGAAGAGGGAAGCCCTTCGCACCGCGAAA

3160 3170 3180 3190 3200 3210 3220  
 CTCATAGCTCACGCTGTAGGTATCTCAGTTCGGTGTAGGTGTTTCGCTCCAAGCTGGGCTGTGTGCACGA  
 GAGTATCGAGTGCAGACATCCATAGAGTCAAGCCACATCCAGCAAGCGAGGTTGACCCGACACACGTGCT

3230 3240 3250 3260 3270 3280 3290  
 ACCCCCGGTTACGCCCCGACCGCTGCGCCTTATCCGGTAACATATCGTCTTGAGTCCAACCCGGTAAGACAC  
 TGGGGGGCAAGTCGGGCTGGCGACGCGGAATAGGCCATTGATAGCAGAACTCAGGTTGGGCCATTCTGTG

3300 3310 3320 3330 3340 3350 3360  
 GACTTATCGCCACTGGCAGCAGCCACTGGTAACAGGATTAGCAGAGCGAGGTATGTAGGCGGTGCTACAG  
 CTGAATAGCGGTGACCGTCGTGCGTGACCATTTCTCTAATCGTCTCGCTCCATCATCCGCCACGATGTC

3370 3380 3390 3400 3410 3420 3430  
 AGTTCCTGAAGTGGTGGCCTAACTACGGCTACACTAGAAGGACAGTATTTGGTATCTGCGCTCTGCTGAA  
 TCAAGAACCTTCAACCACCGATTGATCCGATGTGATCTTCTGTCTATAAACCATAGACGCGAGACGACTT

3440 3450 3460 3470 3480 3490 3500  
 GCCAGTACCTTCGCAAAAAGAGTTGGTAGCTCTTGATCCGGCAAAACACCCGCTGGTAGCGGTGGT  
 CGGTCATAGGAAGCCTTTTCTCAACCATCGAGAACTAGGCCGTTTGTGTTGGTGGCGACCATCGCCACCA

FIG. 5E

3510 3520 3530 3540 3550 3560 3570  
 TTTTTTGTTTGCAAGCAGCAGATTACGCGCAGAAAAAAGGATCTCAAGAAGATCCTTTGATCTTTCTA  
 AAAAAACAAACGTTCTGTCGTCTAATGCGCGTCTTTTTTCCTAGAGTCTCTCTAGGAACTAGAAAAGAT  
  
 3580 3590 3600 3610 3620 3630 3640  
 CGGGGCTTGACGCTCAGTGAACGAAAACTCACGTTAAGGGATTTGGTCATGAGATTATCAAAAAGGAT  
 GCCCCAGACTGCGAGTCACCTTGCTTTTGAGTGCAATTCCCTIAAAACCAGTACTCTAATAGTTTTTCCTA  
  
 3650 3660 3670 3680 3690 3700 3710  
 CTTACCTAGATCCTTTTAAATTAAAAATGAAGTTTAAATCAATCTAAAGTATATATGAGTAAACTTGG  
 GAAGTGGATCTAGGAAATTTAATTTTACTTCAAAATTTAGTTAGATTTCATATATACTCTATTTGAACC  
  
 3720 3730 3740 3750 3760 3770 3780  
 TCTGACAGTTACCAATGCTTAATCAGTGAGGCACCTATCTCAGCGATCTGTCTATTTTCGTTTCATCCATAG  
 AGACTGTCAATGGTTACGAATTAGTCACTCCGTGGATAGAGTCGCTAGACAGATAAAGCAAGTAGGTATC  
  
 3790 3800 3810 3820 3830 3840 3850  
 TTGCTGACTCCCGTCTGTGATAGATAACTACGATACGGGAGGGCTTACCATCTGGCCCGAGTGTGCAAT  
 AACGGAAGTACGGGCGAGCACATCTATTGATGCTATGCCCTCCCGAATGGTAGACCGGGGTACGACGTTA  
  
 3860 3870 3880 3890 3900 3910 3920  
 GATACCGCGAGACCCACGCTCACCGGCTCCAGATTTATCAGCAATAAACACGAGCCAGCCGGAAGGGCCGAG  
 CTATGGCGCTCTGGGTGCGAGTGGCCGAGGTCTAATAGTCGTTATTTGGTCGGTCGGCCTTCCCGGCTC  
  
 3930 3940 3950 3960 3970 3980 3990  
 CGCAGAAAGTGGTCCTGCAACTTTATCCGCCTCCATCCAGTCTATTAAATTTGGTCGGGAAGCTAGAGTAA  
 GCGTCTTCACGAGACGTTGAAATAGGCGGAGGTAGGTGAGATAATTAACAACGGCCCTTCGATCTCAT  
  
 4000 4010 4020 4030 4040 4050 4060  
 GTAGTTCGCCAGTTAATAGTTTGCGCAACGTTGTTGCCATTGCTACAGGCATCGTGGTGTACGCTTCGTC  
 CATCAAGCGGTCAATTTATCAACGCGTTGCAACAACGGTAACGATGTCCTGAGCACCACAGTGCGAGCAG  
  
 4070 4080 4090 4100 4110 4120 4130  
 GTTTGGTATGGCTTCATTACGCTCCGGTTCCCAACGATCAAGGCGAGTTACATGATCCCCCATGTTGTGTC  
 CAAACCATACCGAAGTAAGTCGAGGCCAAGGGTTGCTAGTTCCGCTCAATGTACTAGGGGGTACAACACG  
  
 4140 4150 4160 4170 4180 4190 4200  
 AAAAAAGCGGTAGCTCCTTCGCTCCGATCGTTGTGAGAAGTAAGTTGGCCGAGTGTATCACTCA  
 TTTTTTCGCCAATCGAGGAAGCCAGGAGGCTAGCAACAGTCTTTCATTCAACCGGCGTCACAATAGTGAGT  
  
 4210 4220 4230 4240 4250 4260 4270  
 TGGTTATGGCAGCACTGCATAATTCTCTTACTGTGTCATGCCATCCGTAAGATGCTTTTCTGTGACTGGTGA  
 ACCAATACCGTCGTCGAGTATTAAGAGAATGACAGTACGGTAGGCATTCTACGAAAAGACACTGACCAT  
  
 4280 4290 4300 4310 4320 4330 4340  
 GTACTCAACCAAGTCATTCTGAGAATAGTGTATGCGGCGACCGAGTTGCTCTTGGCCGCGTCAATACGG  
 CATGAGTTGGTTCAGTAAGACTCTTATCACATACGCCGCTGGCTCAACGAGAACGGGCCGAGTTATGCC

FIG. 5F

4350      4360      4370      4380      4390      4400      4410  
 GATAATACCGCGCCACATAGCAGAAGTTTAAAGTGCTCATTCATTGGAAAACGTTCTTCGGGGCGAAAAC  
 CTATTATGGCGCGGTGTATCGTCTTGAAATTTTCACGAGTAGTAACCTTTTGCAAGAAGCCCGCTTTTG  
  
 4420      4430      4440      4450      4460      4470      4480  
 TCTCAAGGATCTTACCGCTGTTGAGATCCAGTTCGATGTAACCCACTCGTGCACCCAAGTATCTTCAGC  
 AGAGTTCCTAGAAATGGGACAACTCTAGGTCAAGCTACATTGGGTGAGCACGTGGGTGACTAGGAAGTCG  
  
 4490      4500      4510      4520      4530      4540      4550  
 ATCTTTTACTTTCACCAGCGTTTCTGGGTGAGCAAAACAGGAAGGCAAAATGCCGCAAAAAGGGAATA  
 TAGAAAATGAAAGTGGTCGCAAGACCCACTCGTTTTTGTCTTCGGTTTTACGGCGTTTTTCCTTAT  
  
 4560      4570      4580      4590      4600      4610      4620  
 AGGGCGACACGAAATGTTGAATACTCATACTCTTCCTTTTCAATATTATTGAAGCATTATCAGGGTT  
 TCCCGCTGTGCCTTTACAACCTTATGAGTATGAGAAGGAAAAAGTTATAATAACTTCGTAATAGTCCCAA  
  
 4630      4640      4650      4660      4670      4680      4690  
 ATTGTCTCATGAGCGGATACATATTTGAATGTATTTAGAAAAATAACAAATAGGGGTTCCGCGCACATT  
 TAACAGAGTACTCGCCTATGTATAAACTTACATAAATCTTTTATTGTTTATCCCCAAGGCGCGTGTA  
  
 4700  
 TCCCCGAAAAGTGC  
 AGGGGCTTTTCACG

FIG. 5G

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